Title (en)
METHOD FOR ELIMINATING INTERFERENCE, USER EQUIPMENTS, AND BASE STATIONS

Title (de)
VERFAHREN ZUR STÖRUNGSBESEITIGUNG, BENUTZERGERÄTE UND BASISSTATIONEN

Title (fr)
PROCÉDÉ D'ÉLIMINATION D'INTERFÉRENCE, ÉQUIPEMENTS D'UTILISATEUR, ET STATIONS DE BASE

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Abstract (en)
Embodiments of the present invention disclose an interference cancellation method, user equipment, and a base station, so as to cancel interference between two neighboring user equipments without reducing transmit power of the user equipments or limiting scheduling flexibility. The method in the embodiments of the present invention includes: sending, by first user equipment UE, an ICCI to second UE by using a device-to-device D2D link, where the ICCI includes information about a configuration used for sending an uplink signal by the first UE; and sending, by the first UE after sending the ICCI, the uplink signal to a base station to which the first UE belongs, where the uplink signal sent by the first UE causes interference to receiving, by the second UE, of a downlink signal sent by a base station to which the second UE belongs.

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